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214  
#4  
67,008-039  
S-5448/S-5450

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Douglas C. MacMartin

Serial No.: 10/084,254

Filing Date: February 27, 2002

Group Art Unit: 2121

Examiner: Unknown

For: SYSTEM FOR COMPUTATIONALLY EFFICIENT ADAPTATION  
OF ACTIVE CONTROL OF SOUND OR VIBRATION

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner of Patents  
Washington, D.C. 20231

Sir:

PTO form 1449 is submitted herewith pursuant to the provisions of 37 CFR 1.97 and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the above identified application. In accordance with Patent Office guidelines, a copy of the citations listed on PTO 1449 is enclosed. None of these references discloses the invention claimed in the subject application.

It is believed that this is being submitted before the mailing of the first Office Action on the merits pursuant to 37 CFR 1.97(b)(3) and therefore no fees are required. If a petition and fee are

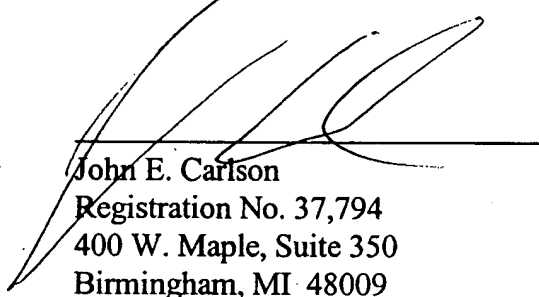
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required please consider this a petition to consider the Supplemental Information Disclosure and charge all fees to Carlson, Gaskey & Olds, P.C., Deposit Account No. 50-1482.

Respectfully submitted,

CARLSON, GASKEY & OLDS, P.C.

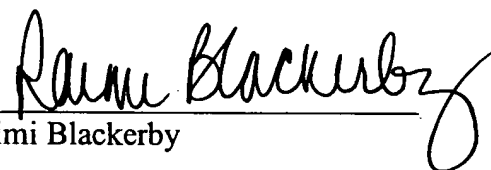


John E. Carlson  
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Dated: August 1, 2002

**CERTIFICATE OF FIRST CLASS MAILING**

I hereby certify that the attached Supplemental IDS, References Cited, Form PTO-1449 and Search Report are being deposited with the U.S. Postal Service as First Class Mailing, postage prepaid, in an envelope addressed to Assistant Commissioner of Patents, Washington, D.C. 20231 on August 1, 2002.



Raimi Blackerby

1 + 1

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(use as many sheets as necessary)**

Sheet

1

of

2

**Complete if Known**

<b>Application Number</b>	10/084,254
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<b>Filing Date</b>	February 27, 2002
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First Named Inventor	Douglas C. MacMartin
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Group Art Unit	2121
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Examiner Name	Unknown
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**Attorney Docket Number** 67008-039

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
Signature**

Date	
Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

of 2

### Complete if Known

Application Number	10/084,254
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First Named Inventor	Douglas C. MacMartin
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Examiner Name	Unknown
Attorney Docket Number	67008-039

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### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		MACMARTIN, DOUGLAS G., DAVIS, MARK W., YOERKIE, JR., CHARLES A., WELSH, WILLIAM A., Helicopter Gear-Mesh ANC Concept Demonstration, United Technologies Research Center, East Hartford, CT and Sikorsky Aircraft Corporation, Stratford, CT	
		MILLOTT, THOMAS A., WELSH, WILLIAM A., YOERKIE, JR., CHARLES A., MACMARTIN, DOUGLAS G., DAVIS, MARK W., Flight Test of Active Gear-Mesh Noise Control on the S-76 Aircraft, United Technologies Research Center, East Hartford, CT and	
		(CONTINUED) ... Sikorsky Aircraft Corporation, Stratford, CT. Presented at the American Helicopter Society 54th Annual Forum, Washington, D.C., May 20-22, 1998, American Helicopter Society, Inc.	
		DAVIS, MARK W., Refinement and Evaluation of Helicopter Real-Time Self-Adaptive Active Vibration Controller Algorithms, NASA Contractor Report 3821, August 1984	

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